

# A2-Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your newsletter.

December 1990

## 8/16-Central

To ensure that Apple II and IIgs programmers get the support they need, A2-Central has purchased *8/16* magazine from Ariel Publishing Co. of Pateros, Wash.

*8/16*, which will now be called **8/16-Central**, is the only monthly publication directed exclusively towards Apple II programmers. **8/16-Central** will be a 3.5-disk-based publication. Ariel's *8/16* was available in both paper and disk versions, but the paper version has been discontinued. The subscription price of **8/16-Central** is the same as the price of a disk subscription to Ariel's *8/16*.

**8/16-Central** will include regular columns,

articles, and source code for 8- and 16-bit programs; want-ads; tutorials; and a question-and-answer section. Each disk will also include extra utilities and programs of interest to developers.

**8/16-Central** will round-out our support of the Apple II developer. It fits in nicely with our other offerings for developers, including our summer conference, the Apple II Programmers and Developers RoundTable on GEnie, and the programming books and tools we offer through our catalog.

The new editor of **8/16-Central**, Jay Jennings, has ties to both Ariel Publishing and A2-Central.

Jennings has been a contributing editor to *8/16* since its inception and has been employed by A2-Central since mid-1989. He says **8/16-Central** will remain true to the spirit of the old *8/16*, "The physical format of the magazine will change a bit since we're going to be totally disk-based, but the content-hard-core programming info-will remain the same."

Subscription prices	1 year	2 years	3 years
<b>8/16-Central</b>	\$69	\$135	\$198

12 issues/year, 3.5 disk only

Subscription prices include free AIR MAIL delivery world-wide.

## New Stuff

### Fix bad disks

Vitesse has added *Salvation: Deliverance* to its line of utility software. *Deliverance* is a GS/OS, graphic-interface based disk utility that reconstructs bad or damaged directories and recovers "lost" files on all types of ProDOS and GS/OS disks. It can operate in a mostly-automated mode that requires only minimal decisions from the user and it also supports byte-level editing of any block on any volume.

An exclusive feature is a built-in file copy utility that allows *Deliverance* to make file repairs in system memory, then to copy the new, repaired file to another volume for testing or for comparison with the original.

*Deliverance* can also identify the bad blocks on a disk and mark them so that GS/OS and ProDOS won't even try to use them.

**VI-007 Deliverance** \$37.00

### Drivers for HP printers

Many subscribers have asked us how to use Hewlett-Packard's low-cost ink jet and laser printers with the Apple IIgs. Here's how. Vitesse has just released a package of GS/OS printer drivers that it calls *Harmonie*.

*Harmonie* allows you to print from any GS/OS program to any of the following printers:

- HP DeskJet, DeskJet Plus, DeskJet 500
- HP PaintJet, PaintJet Plus
- HP LaserJet II, IIp, III
- Epson LQ 24-pin dot matrix printer
- Epson 9-pin printers (enhanced printing)
- Apple ImageWriter II (enhanced printing)

The *Harmonie* drivers are also compatible with many other printers that follow the HP or Epson standards.

*Harmonie* also comes with high-speed, GS/OS 5.0.3-compatible port drivers for the following parallel printer interface cards:

- ProGrappler, Grappler Plus
- Parallel Pro
- Epson APL
- II-Print

**VI-006 Harmonie** \$37.00

### Electronic Imaging

We've decided to stock Digital Vision's **ComputerEyes** video digitizer. This device comes in two models. One is a **black and white** version that will work in any slotted Apple II and with any composite video source, including PAL and SECAM. By itself, it can create hi-res and double hi-res images. With optional enhancement software it supports *Print Shop* and *Newsroom* formats, image negate, shrink/expand, left-right flip, and so on. With optional IIgs support software, it can create 320-mode graphics using a 16-level gray scale.

The **Color ComputerEyes** requires the North American standard NTSC video and an Apple IIgs. It can do everything the black and white digitizer and software can do, but it can also create 320-mode graphics with 16 colors and 640-mode graphics in black and white or four-level gray scale. These digitizers work best with still images from video cameras or video disk players. VCRs that can display a noise-free single-frame picture also work well. Scan times are less than 6 seconds except in 640-mode, which takes less than 12.

**DV-001 B&W ComputerEyes** \$119.95

**DV-002 Enhancement Software** \$22.95

**DV-003 IIgs Support Software** \$22.95

**DV-004 Color ComputerEyes for IIgs** \$219.95

### Nexus

Since *HyperStudio* and *HyperCard* use the "stack of cards" metaphor, many people think that hypermedia is defined by stacks. But Hypermedia is defined by *links*. Hypermedia simply provides users with multiple paths through a set of informational material.

Another approach to hypermedia is to present the user with text and graphic files that have embedded links to other text, graphic, and sound files. For example, imagine that a highlighted word in a text file indicates that you can obtain expanded information on the word (more text, a picture, or a sound) by clicking on that word. Or imagine being able to click on a face in a photograph of a basketball team and getting a text file with that player's name and statistics.

Tracy Valteau's **Nexus** is an Apple IIgs program that allows you to create these kinds of "linked sets" of information. You can even edit the text or graphics without destroying the links. *Nexus* includes a file you can distribute so anyone can use your linked set. For more, see the April 1990 *A2-Central* disk, which includes a demo version of *Nexus*.

**GC-001 Nexus** \$69.95

### TimeOut UltraMacros

We've decided we ought to carry *TimeOut UltraMacros* because it's more than just a macro program—it's a complete programming language for classic AppleWorks.

We also like Beagle Bros' *MacroEase* a lot. It includes *TimeOut* debugging utilities, seven full-blown macro applications, and 57 sample macros.

**BB-005 TimeOut UltraMacros** \$49.95

**BB-006 MacroEase** \$34.95

## About this listing

This is a complete list of the items we carry and their current prices, grouped by topic. The date shown with each item indicates the catalog that has a longer description of the item. We give a full description the first time an item appears in the catalog.

## AppleWorks

### Enhancements

JE-008	Outline 3.0 (AppleWorks 3.0)	(9/90)	\$39.00
JE-005	Pathfinder (AppleWorks 3.0)	(7/90)	\$20.00
JE-006	SpellCopy (AppleWorks 3.0)	(7/90)	\$12.50
JE-007	DoubleData (AppleWorks 3.0)	(7/90)	\$30.00
JE-001	FlexiCal (AppleWorks 2.x or 3.0)	(7/90)	\$30.00
JE-004	Mr. Invoice (AppleWorks 3.0)	(7/90)	\$40.00

### Patch programs

QC-001	SuperPatch (AppleWorks 2.x or 3.0)	(3/90)	\$39.95
EB-004	Beagle AppleWorks 3.0 Companion	(5/90)	\$39.95

### TimeOut UltraMacros

EB-005	TimeOut UltraMacros (AppleWorks 3.0)	(12/90)	\$49.95
EB-006	MacroEase (requires UltraMacros 3.0)	(12/90)	\$34.95
NA-001	Munz: UltraMacros Primer	(3/90)	\$19.95

A2-Central Summer Conference audio tapes on UltraMacros

See 8/90 catalog for full listing 1 to 5, \$3.95 ea; 6-11, \$3.25 ea; 12-24, \$2.95 ea

### Books

IN-004	Wilkin: Best Book of AppleWorks	(5/90)	\$21.95
IN-006	Aron: Using AppleWorks (Que)	(6/90)	\$21.95
SY-008	Ericson: AppleWorks, Tips and Techs	(6/88)	\$19.95
DS-003	disk for this book	(8/88)	\$12.00
SY-007	Tymes: Mastering AppleWorks	(6/88)	\$21.95
CE-001	Thomas: ClassWorks	(8/88)	\$45.00

### AppleWorks GS Books

IN-005	Murray: Using AppleWorks GS (Que)	(6/90)	\$21.95
AW-027	Brown: Using AppleWorks GS (Add-Wes)		\$19.95

## HyperMedia

### HyperMedia software

FW-005	HyperStudio (for IIGs)	(1/90)	\$99.95
FW-009	HyperStudio Xcommands, Vol 1	(11/90)	\$39.95
GC-001	Nexus	(12/90)	\$69.95

### Books and tapes

AW-034	Apple: Hypercard Stack Design		\$16.95
A2-Central Summer Conference audio tapes on HyperStudio			
See 8/90 catalog for full listing 1 to 5, \$3.95 ea; 6-11, \$3.25 ea; 12-24, \$2.95 ea			

### Electronic Imaging

VI-001	Quickie Scanner	(10/90)	\$219.95
DV-001	B&W ComputerEyes Video Digitizer	(12/90)	\$119.95
DV-002	Enhancement Software	(12/90)	\$22.95
DV-003	IIGs Support Software	(12/90)	\$22.95
DV-004	Color ComputerEyes Video Digitizer for IIGs	(12/90)	\$219.95
RI-001	Second Chance (image enhancement software, IIGs)	(11/90)	\$39.95

### Graphics, clip art

JE-003	MiniPaint (for IIGs)	(7/90)	\$25.00
FW-004	Graphics Exchange (for IIGs)	(1/90)	\$37.50
FW-007	HyperStudio Clip-Art, Vol 1	(11/90)	\$19.95

### Sound

FW-008	HyperStudio Clip-Sounds, Vol 1	(11/90)	\$19.95
DR-002	SVI MA-100 speakers for the IIGs	(1/90)	\$129.00*
*	120 volts. Surface shipping to Canada or APO/FPO adrs		\$20.00

### Fonts

FC-001	A2-Central Font Collection	(3/90)	\$39.00
8 3.5 disks of fonts in ShrinkIt format			

## Telecommunications

### Bundles

CD-002	U.S. Modem Bundle (SC-001, CS-001, and 1 cable)	\$169.00
CD-003	Int'l Modem Bundle (SC-002-xx, CS-001, and 1 cable)	\$179.00

### Modems

SC-001	Supra 2400 baud modem (110 volts)	(1/90)	\$129.00
SC-002-AU	Supra 2400, Australian plug (220 volts)	(9/90)	\$139.00
SC-002-WG	Supra 2400, German plug (220 volts)	(9/90)	\$139.00
SC-002-UK	Supra 2400, British plug (220 volts)	(9/90)	\$139.00
DC-008	ViVa24m 2400 baud MNP 5 modem (110 volts)	(1/91)	\$169.00

### Cables

RC-001	8' cable for IIGs/IIC-Plus	(1/90)	\$15.00
RC-002	8' cable for older IIC	(1/90)	\$15.00
RC-003	8' cable for serial cards	(1/90)	\$15.00

### Telecommunications software

CS-001	Talk Is Cheap & GENie Master	(3/90)	\$40.00
TH-001	GENie Master (requires AppleWorks 2.X)	(3/90)	\$20.00
KG-001	Co-Pilot (GENie interface for IIGs)	(1/91)	\$25.00

## Ile/IIC Programming

### Applesoft books

AW-040	Critchfield/Dwyer: Bit of Applesoft	(9/90)	\$9.95
AW-038	Wintermeyer: Applesoft Toolbox	(9/90)	\$9.95
AW-039	Myers: Graphics for the Apple II	(9/90)	\$9.95
SE-001	Miller: Mastering Applesoft Graphics	(6/89)	\$18.95
AW-010	Apple: Applesoft Tutorial (w/disk)		\$29.95
AW-021	Apple: Applesoft Programmer's Reference		\$22.95

### Applesoft development tools

EB-003	Program Writer (Applesoft program editor)	(1/90)	\$37.50
EB-002	Beagle Compiler (ProDOS Applesoft compiler)	(1/90)	\$59.00
MD-001	MD-Basic (Applesoft pre-compiler)	(5/90)	\$49.95

### Other languages

AW-037	Seiter/Weiss: Pascal for Basic Prgrms	(9/90)	\$12.95
MS-002	Micol Advanced BASIC for Ile/IIC	(1/90)	\$89.00

### ProDOS 8

AW-024	Apple: BASIC Programming with ProDOS (w/disk)		\$29.95
AW-023	Apple: ProDOS 8 Tech Ref (w/disk)		\$29.95
TB-006	Doms/Weishaar: ProDOS Inside and Out	(6/88)	\$16.95
DS-002	disk for this book		\$10.00

### Technical references

AW-003	Apple: Apple Ile Technical Reference		\$24.95
AW-004	Apple: Apple IIC Technical Reference		\$24.95
LC-005	Laser: Laser 128 Technical Reference		\$29.95

### 6502 assembly language

AW-012	Finley/Myers: Asm Lang for Applesoft Prgrmr	(8/88)	\$18.95
FW-001	Wagner: Assembly Lines: The Book	(6/88)	\$19.95
DS-004	disk for this book		\$15.95
ME-007	Leventhal: 6502 Programming		\$19.95
ME-008	Leventhal: 6502 Subroutines		\$19.95
MD-002	Object Module Manager (Morgan Davis memory mgr)	(8/90)	\$24.95

### A2-Central Summer Conference Audio Tapes

See 8/90 catalog for full listing 1 to 5, \$3.95 ea; 6-11, \$3.25 ea; 12-24, \$2.95 ea

## IIGs Programming

### Technical manuals

#### Introductory Books

AW-017	Little: Exploring the Apple IIGs	(6/88)	\$22.95
DS-007	disk for this book (3.5)		\$20.00
AW-018	Apple: Technical Introduction to the Apple IIGs		\$9.95
AW-011	Apple: Programmer's Intro to IIGs (w/disk)		\$32.95

#### Toolbox manuals

CB-005	Gookin/Davis: Mastering the IIGs Toolbox	(8/88)	\$19.95
CB-007	Gookin/Davis: Adv Prog Tech for IIGs Toolbox	(9/88)	\$19.95
AW-019	Apple: Apple IIGs Toolbox Reference, Vol 1		\$26.95
AW-006	Apple: Apple IIGs Toolbox Reference, Vol 2		\$26.95
AW-036	Apple: Apple IIGs Toolbox Reference, Vol 3		\$39.95

## Technical references

<b>ME-001</b>	<b>Fischer: Apple IIgs Tech Ref</b>	(6/88)	\$19.95
<b>AW-022</b>	<b>Apple: Apple IIgs Firmware Reference</b>		\$24.95
<b>AW-002</b>	<b>Apple: Apple IIgs Hardware Reference</b>		\$26.95
<b>AW-001</b>	<b>Apple: Apple Numerics Reference (new edition)</b>		\$29.95
<b>AW-014</b>	<b>Apple: Human Interface Guidelines</b>		\$14.95

## GS/OS

<b>AW-026</b>	<b>Little: Exploring Apple GS/OS and ProDOS 8 disk for this book (3.5)</b>	(1/89)	\$21.95
<b>DS-006</b>			\$15.00
<b>AW-041</b>	<b>Apple: Apple IIgs GS/OS Reference</b>		\$28.95

## Universal development tools

<b>SS-007</b>	<b>Genesys (GS/OS Resource Creator/Editor)</b>	(6/90)	\$90.00
<b>EW-006</b>	<b>Design Master (GS/OS Resource Creator)</b>	(11/90)	\$57.00
<b>AW-033</b>	<b>Programmer's Online Companion for the IIgs</b>	(1/90)	\$37.50

## Assembly language tools

### Assemblers

<b>EW-002</b>	<b>Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)</b>	(1/90)	\$99.00
<b>EW-005</b>	<b>ORCA/M Assembler</b>	(11/90)	\$42.00
<b>EW-008</b>	<b>Merlin to Orca Source Converter</b>	(11/90)	\$18.00

### Disassemblers

<b>EW-007</b>	<b>ORCA Disassembler</b>	(11/90)	\$30.00
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### Books (also see 6502 assembly language)

<b>CB-002</b>	<b>Wagner: IIgs Machine Lang for Beginners disk for this book (3.5)</b>	(8/88)	\$19.95
<b>DS-005</b>			\$15.95
<b>SS-005</b>	<b>Lichty/Eyes: Programming the IIgs in Asm Lang disk for this book for APW</b>		\$29.95
<b>DS-008</b>			\$20.00
<b>DS-009</b>	<b>disk for this book for Merlin</b>	(11/90)	\$10.00
<b>DS-010</b>	<b>disk for this book for Orca/C</b>	(11/90)	\$20.00

## High-level language tools

### Pascal

<b>EW-001</b>	<b>ORCA/Pascal</b>	(11/90)	\$90.00
<b>EW-002</b>	<b>Byte Works Learn to Program in Pascal Tutorial</b>	(11/90)	\$50.00

### C

<b>EW-003</b>	<b>ORCA/C</b>	(11/90)	\$90.00
<b>EW-004</b>	<b>Byte Works Learn to Program in C Tutorial</b>	(11/90)	\$50.00

### BASIC

<b>MS-001</b>	<b>Micol Advanced BASIC for the IIgs</b>	(1/90)	\$99.00
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## A2-Central Summer Conference Audio Tapes

See 8/90 catalog for full listing 1 to 5, \$3.95 ea; 6-11, \$3.25 ea; 12-24, \$2.95 ea

## 3.5 Disks and Drives

<b>AM-001</b>	<b>AMR 3.5 drive</b>	(1/90)	\$189.00
<b>AM-002</b>	<b>Laser 3.5 drive controller for IIe</b>	(1/90)	\$59.00
<b>A2-001</b>	<b>10 generic, blank 3.5 disks</b>	(4/90)	\$9.49
<b>A2-002</b>	<b>100 blank, continuous labels for 3.5 disks</b>	(4/90)	\$1.99
<b>A2-003</b>	<b>10 Static-Guard binder storage pages for 3.5 disks</b>	(4/90)	\$9.97

## Hard Disk Drives

### Hard drives on a card

<b>CT-CID20</b>	<b>CIRTECH 20-meg internal hard drive</b>	(5/90)	\$695.00
<b>CT-CID40</b>	<b>CIRTECH 40-meg internal hard drive</b>	(5/90)	\$895.00

### Hard drive kits

#### Parts

<b>DC-001</b>	<b>Leadman case; 120 or 220V, 60W</b>	(1/90)	\$124.00*
<b>RC-004</b>	<b>SCSI cable, drive to SCSI card</b>	(1/90)	\$30.00
<b>DC-002</b>	<b>Seagate ST-296N-1 80meg SCSI assembly</b>	(1/90)	\$519.00*
<b>DC-006</b>	<b>SyQuest removable media hard drive</b>	(6/90)	\$649.00*
<b>DC-007</b>	<b>42+-meg cartridge for SyQuest drive</b>	(6/90)	\$119.00

#### Bundles

<b>CD-001</b>	<b>80-Meg hard drive easy-order bundle includes DC-001, DC-002, RC-004,</b>	(1/90)	\$649.00*
<b>CD-008</b>	<b>42+-Meg removable media bundle includes DC-001, DC-006, DC-007, RC-004,</b>	(1/90)	\$874.00*
*	<b>Surface shipping to Canada or APO/FPO adrs</b>		\$25.00
*	<b>Surface shipping to other points outside U.S.</b>		\$30.00

### SCSI cards

<b>CT-SC</b>	<b>CIRTECH SCSI card</b>	(1/90)	\$109.00
<b>AP-001</b>	<b>Apple High-Speed SCSI card</b>	(5/90)	\$119.00
<b>CV-001</b>	<b>RAMfast SCSI card</b>	(7/90)	\$219.00

## Hard drive books

<b>NA-002</b>	<b>Apple Hard Disk Primer</b>	(9/90)	\$16.95
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## Disk management utilities

<b>CB-001</b>	<b>Chinook Utilities for Apple SCSI cards</b>	(1/90)	\$30.00
<b>CB-001</b>	<b>Prosel 8 (for IIe/IIc; 3.5 disk, 5.25 on request)</b>	(1/90)	\$40.00
<b>CB-002</b>	<b>Prosel 16 (for IIgs, includes Prosel 8 features)</b>	(1/90)	\$60.00
<b>VI-002</b>	<b>Salvation: Guardian (Backup Utility)</b>	(10/90)	\$37.00
<b>VI-003</b>	<b>Salvation: Renaissance (Optimization Utility)</b>	(10/90)	\$37.00
<b>VI-004</b>	<b>Salvation: Exorciser (Virus exterminator)</b>	(10/90)	\$34.00
<b>VI-005</b>	<b>Salvation: Wings (Program selector)</b>	(10/90)	\$59.00
<b>VI-007</b>	<b>Salvation: Deliverance (Fix/edit disks)</b>	(12/90)	\$37.00

## Memory Expansion Cards

### IIgs memory expansion slot cards

Citrech (9/90)	Chinook (5/90)		
Primo	RAM 4000		
<b>CT-P0</b>	<b>CB-002-0</b>	<b>0K (no memory installed)</b>	<b>\$99.00</b>
<b>CT-P1</b>	<b>CB-002-1</b>	<b>1 Megabyte</b>	<b>\$169.00</b>
<b>CT-P2</b>	<b>CB-002-2</b>	<b>2 Megabytes</b>	<b>\$239.00</b>
<b>CT-P4</b>	<b>CB-002-4</b>	<b>4 Megabytes</b>	<b>\$379.00</b>

### Standard slot cards for IIe or IIgs

<b>PR-16-1</b>	<b>Cirtech PR-16, 1 Meg, expands to 4 meg</b>	(9/88)	\$359.00
<b>SD-4</b>	<b>Cirtech StatDisk, 512K (Battery backed-up static</b>	(10/88)	\$389.00
<b>SD-8</b>	<b>1 Meg RAMdisk, fast, quiet, extremely reliable)</b>		\$699.00

## Memory chips

<b>DRAM-1</b>	<b>Set of 8 1-meg chips for standard memory cards</b>		\$70.00
<b>SRAM-32</b>	<b>Set of 2 chips for StatDisk (64K)</b>		\$30.00

## AppleTalk Networks

### Technical Information

<b>IN-002</b>	<b>Hands on AppleTalk</b>	(3/90)	\$21.95
<b>AW-030</b>	<b>Apple: Understanding Computer Networks</b>		\$9.95
<b>AW-031</b>	<b>Apple: AppleTalk Network System Overview</b>		\$14.95
<b>AW-035</b>	<b>Apple: Inside AppleTalk</b>		\$34.95

### Network connectors

<b>OE-001</b>	<b>ModuNet 8-pin for IIe, IIgs, new Macs</b>	(1/90)	\$34.95
<b>OE-002</b>	<b>9-pin for old LaserWriters, old Macs</b>	(1/90)	\$34.95

## Printers

### GS/OS Printer Drivers

<b>VI-006</b>	<b>Vitesse: Harmonie Printer/Parallel Card Drivers</b>	(12/90)	\$37.00
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### Technical Information

<b>AW-008</b>	<b>Apple: ImageWriter II Technical Reference</b>		\$19.95
<b>AW-025</b>	<b>Apple: ImageWriter LQ Technical Reference</b>		\$22.95
<b>AW-028</b>	<b>Apple: LaserWriter Reference</b>		\$19.95
<b>SY-003</b>	<b>Campbell: The RS-232 Solution, 2nd Ed</b>	(6/88)	\$21.95
<b>CP-001</b>	<b>East: Handbook of Printer Commands (3 vols)</b>	(11/88)	\$89.95

### Troubleshooting and repair

<b>BS-004</b>	<b>SAMS Computerfacts: ImageWriter I</b>	(8/88)	\$24.95
<b>BS-008</b>	<b>SAMS Computerfacts: ImageWriter II</b>	(8/88)	\$24.95

### Dot matrix printers

<b>LC-001</b>	<b>Laser 190A ImageWriter-compatible serial printer</b>	(1/90)	\$249.00*
<b>LC-003</b>	<b>Laser 190A ImageWriter-compatible parallel printer</b>	(1/90)	\$199.00*
<b>LC-006</b>	<b>tractor feed attachment</b>	(1/90)	\$59.95
<b>LC-007</b>	<b>5 ribbons (also fit Epson LX-80/90 &amp; Olympia NP30)</b>		\$14.95

### Cables

<b>RC-001</b>	<b>8' cable for IIgs/IIc-Plus</b>	(1/90)	\$15.00
<b>RC-002</b>	<b>8' cable for older IIc</b>	(1/90)	\$15.00
<b>RC-003</b>	<b>8' cable for serial cards</b>	(1/90)	\$15.00
*	<b>120 volts. Surface shipping to Canada or APO/FPO adrs</b>		\$25.00

## Other Peripherals

### Batteries

<b>NO-001</b>	<b>Nite Owl Slide-On Battery Kit for IIgs</b>	(3/90)	\$14.95
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# Subscriptions, Back Issues, Ordering Information

## A2-Central

**A2-Central** (formerly **Open-Apple**) has been published monthly since January, 1985. Single back issues are \$2 each. Bound, indexed annual volumes are \$14.95. A full set of bound volumes and single issues for the current year is available for \$39.

The **Full-Text on Disk** version of our back issues is shipped on 3.5 disks and takes up about 4 megabytes of hard disk storage. Includes text-talking software or use with full-text search software such as *Fastdata Pro* or *Prosel*.

### Bound, indexed back issue volumes

OA-001	Vol. 1	Jan 1985-Jan 1986	\$14.95
OA-002	Vol. 2	Feb 1986-Jan 1987	\$14.95
OA-003	Vol. 3	Feb 1987-Jan 1988	\$14.95
OA-004	Vol. 4	Feb 1988-Jan 1989	\$14.95
OA-005	Vol. 5	Feb 1989-Jan 1990	\$14.95

### Full Set Specials (every issue ever published)

FS-N	All five volumes and current singles	\$39.00
FS-D	Our full text on 3.5 disks	\$39.00

## Stack-Central

**Stack-Central** has been published every other month since February, 1990. Each issue consists of two 800K, 3.5 disks and includes a *HyperStudio* stack containing editor Terry Baker's tips, tricks, and letters from readers for that month. Each issue also includes public domain and shareware stacks. Specific issues contain sounds, xcmts, and other material you can use in your own stacks.

**Stack-Central** back issues are available for \$10 each.

SC-90S1	Semiannual disk set (Feb/Apr/Jun 90)	\$25.00
SC-90S2	Semiannual disk set (Aug/Oct/Dec 90)	\$25.00

## TimeOut-Central

**TimeOut-Central** has been published every other month since September, 1990. Each issue consists of one 800K, 3.5 disk and includes a column by the editor, Richard Marchiava, letters from readers, as well as public domain and shareware AppleWorks and TimeOut files.

**TimeOut-Central** back issues are \$10 each.

## 8/16-Central

**8/16-Central** (formerly **8/16**) has been published every month since March 1990. Each issue consists of one 800K,

3.5 disk aimed at the hearts and minds of 8- and 16-bit Apple II programmers. Edited by Jay Jennings.

**8/16-Central** back issues are available singly for \$10 each or in quarterly sets of 3 for \$5 each.

816-90S1	Quarterly disk set (March/April/May 90)	\$15.00
816-90S2	Quarterly disk set (June/July/Aug 90)	\$15.00
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## A2-Central on disk

**A2-Central** disks have been published monthly since February, 1989. Each 800K, 3.5 disk contains the full text of that month's paper issue and text-talking software for blind subscribers. In addition, specific issues contain Apple system software and technical note updates and the world's best public domain and shareware software.

Listings of the contents of each disk have been published in previous catalogs as shown below:

catalog	disk issues
Aug 89	2/89 to 7/89
May 90	8/89 to 12/89
June 90	1/90 to 2/90
July 90	3/90 to 6/90

Disks are available in 3.5 format only.

### Back issues

Our back issue disks are available singly for \$10 or in quarterly sets of 3 for \$6 each:

A2-89S1	Quarterly disk set (Feb /March/April 89)	\$18.00
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A2-89S3	Quarterly disk set (Aug/Sept/Oct 89)	\$18.00
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A2-90S1	Quarterly disk set (Feb/March/April 90)	\$18.00
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A2-89FS	Annual disk set (Feb 89 to Jan 90)	\$60.00
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### Subscription conversions

Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us \$4.75 per disk.

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The expiration date of your current subscription is shown on our self-mailer to the right of your name ("last issue").

We offer one-, two-, and three-year subscriptions to the paper-only version of **A2-Central**, to a paper-plus-3.5-disk version of **A2-Central**, and to the 3.5-disk based **Stack-Central**, **TimeOut-Central**, and **8/16-Central**.

Subscription prices	1 year	2 years	3 years
<b>A2-Central</b> 12 issues/year, paper only	\$28	\$54	\$78
<b>A2-Central (disk)</b> 12 issues/year, paper & 3.5 disk	\$84	\$162	\$234
<b>Stack-Central</b> 6 issues/year, 3.5 disk only	\$42	\$81	\$117
<b>TimeOut-Central</b> 6 issues/year, 3.5 disk only	\$42	\$81	\$117
<b>8/16-Central</b> 12 issues/year, 3.5 disk only	\$69	\$135	\$198

Subscription prices include free AIR MAIL delivery world-wide.

## Ordering Information

If you received this catalog in the envelope with our newsletter, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please use it to order stuff from us. When you fold and lick the form as shown, our address will be on the outside and it will be ready to stamp and mail. Please don't send us a photocopy of the form unless you **photocopy both sides**.

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

**A2-Central**  
**P.O. Box 11250**  
**Overland Park, KS 66207**

or call us:

**Voice: 913-469-6502**

**Fax: 913-469-6507**

## Fans

CIFAN-E	CIRTECH Cool-It fan for Apple IIe	(1/90)	\$49.00
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## Math Coprocessors

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## Monitors

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See 8/90 catalog for full listing 1 to 5, \$3.95 ea; 6-11, \$3.25 ea; 12-24, \$2.95 ea

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